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ENVIRONMENTAL SCIENCE

GRADES 9 AND 10

APPENDIX A

BIBLIOGRAPHY

Note: 1. The material printed on the following pages represents the second draft of a bibliography for a course of study to be published at a later date as Curriculum I-21, Environmental Science.

2. This draft is designed to accompany the second draft of the course of study entitled Environmental Science, dated August, 1968.

November, 1968

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REFERENCES FOR ENVIRONMENTAL SCIENCE

A teacher who is confident of his reference library can supplement the basic texts of his subject with the frequent use of resource material. This is particularly true in Environmental Science, which is a rapidly developing field of study.

Because of the radical developments in this subject, the teacher or librarian stocking the reference shelves should ensure that any material chosen is up to date. In addition, books, bulletins, and periodicals must all be reviewed regularly to make sure that the library is kept abreast of recent changes. The resource material should also reflect the latest developments on the local scene so that students will be able to apply the subject to conditions in their own areas.

The list that follows is intended to help teachers and librarians choose resource material. It leaves them, however, with the responsibility of adapting their own book lists to local conditions and, in some cases, of comparing several books before making a final selection.

Books marked with an asterisk are intended for basic reference books; the teacher may want several copies of these for his students. Those marked with an "x" may be useful as class sets; most of them are bulletins, pamphlets, and circulars from government or university departments.

Many commercial firms make available reference material and teaching aids suitable for classroom use. Periodic listings of these sources will be made available.

For ease in keying references to specific topics in the course, the following numbering system is being used:

A	Air
A.S.	Animal Science
B	Biology (including Genetics and Microbiology)
C	Circulars and Pamphlets
E	Experiments and Demonstrations
F	Forestry
G	General
H	Horticulture
P	Periodicals
P.S.	Plant Science
R	Resources
S	Soils and Conservation

The reference number which appears before each title in the bibliography is the number by which the title is identified in Appendix B, Experiments.

Publishers and Distributors

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P.O. Box 2180
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Service

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19 N. Jackson Street
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National Plant Food Institute
1700 K. Street N.W.
Washington, D.C. 20036

Thomas Nelson & Sons (Canada) Ltd.
81 Curlew Drive
Don Mills, Ontario

New York City Board of Education
Bureau of Curriculum Research
Publications Sales Office
110 Livingston Street
Brooklyn, N.Y. 11201

R. A. Nicholson Co.
Box 5010
Burlington, Ontario

W. W. Norton & Co. Inc., New York -
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University of Guelph -
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Ontario Department of Agriculture
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Information Branch
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Publishers and Distributors - continued

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Silver Burdett Co.
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see W. J. Gage Ltd., Canadian agent

Simon & Schuster of Canada Ltd.
225 Yonge Street North
Richmond Hill, Ontario

Publishers and Distributors - continued

U.S. Department of Agriculture -
see U.S. Government Printing Office

U.S. Government Printing Office
Division of Public Documents
Washington, D.C. 20402

University of Illinois
Publication Office
College of Agriculture
Urbana, Illinois 61801

University of Toronto Press
Front Campus, University of Toronto
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D. Van Nostrand Co.
Princeton, New Jersey -
see D. Van Nostrand Co. (Canada)
Ltd., Canadian agent

D. Van Nostrand Co. (Canada) Ltd.
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The Viking Press Inc., New York -
see The Macmillan Co. of Canada
Ltd., Canadian agent

Vocational Educational Productions
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Wadsworth Publishing Co.
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Whitman Publishing-Golden Press
of Canada Ltd.
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J. Wiley & Sons, New York -
see John Wiley & Sons (Canada),
Canadian agent

John Wiley & Sons (Canada)
22 Worcester Road
Rexdale, Ontario

Bibliography

For source, see Directory of Publishers and Distributors, page 3.

Air

A - 1 Edelson, E. The battle for clean air. (Pamphlet 403) New York, Institute of Public Affairs

2 Humble Oil and Refining Co., Public Relations Department. The air we breathe. Houston, 1966

3 U.S. Department of Health, Education and Welfare. The effects of air pollution. (P.H.S.P. 1556) Washington, U.S. Government Printing Office

Animal Science

A.S. - 1* Acker, D. C. Animal science and industry. Englewood Cliffs, N.J., Prentice-Hall, 1962

2 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Moog, F. A laboratory block. Animal growth and development. Boston, Heath, 1963

3 Arthur, D. Principles of animal nutrition. Guelph, Ont., Ontario Agricultural College, University of Guelph

4 Ashbrook, F. G. Raising small animals for pleasure and profit. Princeton, N.J., Van Nostrand, 1951

5 Briggs, H. M. Modern breeds of livestock. Rev. ed. New York, Macmillan, 1958

6 Bundy, C. E. and R. V. Diggins. Livestock and poultry production. 2d ed. Englewood Cliffs, N.J., Prentice-Hall, 1960

7 Cole, H. H., ed. Introduction to livestock production. 2d ed. San Francisco, Freeman, 1966

8 Dykstra, R. R. Animal sanitation and disease control. Danville, Ill., Interstate, 1961. Text ed.

9* Ensminger, M. E. Animal science. Danville, Ill., Interstate, 1960. Text ed.

10 Fitzpatrick, F. L. Our animal resources. New York, Holt, Rinehart & Winston, 1963. Paperback

11 Frandson, R. D. Anatomy and physiology of farm animals. Philadelphia, Lea & Febiger, 1965

12* Lasley, J. F. Genetics of livestock improvement. Englewood Cliffs, N.J., Prentice-Hall, 1963

13 Morrison, F. B. Feeds and feeding. Abridged 9th ed. Clinton, Iowa, Morrison Publishing, 1958

14 Peterson, R. L. Mammals of Eastern Canada. Toronto, Oxford University Press, 1966

15 Scott, W. B. and W. H. Carrick. Freshwater fishes of Eastern Canada. 2d ed. Toronto, University of Toronto Press, 1967. Hard cover and paperback

* Worthy of consideration as a basic reference book

Animal Science - continued

A.S. - 16 U.S. Department of Agriculture. Animal diseases: U.S.D.A. yearbook of agriculture, 1956. Washington, U.S. Government Printing Office, 1956

17 Ziegler, P. T. Meat we eat. Danville, Ill., Interstate, 1962. Text ed.

Biology

B - 1 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Biological science: an inquiry into life (BSCS yellow version). Rev. ed. New York, Harcourt, Brace & World, 1963

2 Croal, A. B. and others. General biology. 2d ed. Toronto, Copp Clark, 1955

3 Dodds, C. and J. B. Hurn. Practical biology. London, Edward Arnold, 1966

4* Fried, A. A. Today's biology. New York, College Entrance Book Co.

5* Fuller, H. J. and A. B. Carothers. Plant world. 4th ed. New York, Holt, Rinehart & Winston, 1963

6* Galbraith, D. I. and D. G. Wilson. Biological science: principles and patterns of life. Rev. ed. Toronto, Holt, Rinehart & Winston, 1966

7 Gray, P. Encyclopedia of biological sciences. New York, Reinhold, 1961

8 Gregory, W. H. and E. H. Goldman. Biological science for high school. Boston, Ginn, 1965

9 Kimball, J. W. Biology. Reading, Mass., Addison-Wesley, 1965

10* Mason, J. M. and R. Peters. Life science. Princeton, N.J., Van Nostrand, 1965

11* Miller, D. F. and B. B. Vance. Science of biology. Philadelphia, Lippincott, 1965

12* Moon, T. J. and others. Modern biology. New York, Holt, Rinehart & Winston, 1963

13 Nuffield Foundation. Biology series I-V; Teachers' manuals. London, Longmans, 1966-67

14* Pelczar, M. J. and R. D. Reid. Microbiology. 2d ed. New York, McGraw-Hill, 1965

15 Penny, D. and R. Waern. Biology. 2d ed. Toronto, Pitman, 1965

Biology - continued

B - 16* The Regents of the University of Colorado. Biological Sciences Curriculum Study. High school biology (BSCS green version). 2d ed.; Teacher's guide; Student's manual. Chicago, Rand McNally, 1968. [Note: Student's manual is part of the text.]

17 Robbins, W. W. and others. Botany. 3d ed. New York, Wiley, 1964

18 Sistrom, W. R. Microbial life. New York, Holt, Rinehart & Winston, 1962. Paperback

19 Smallwood, W. L. and E. R. Green. Biology. Morristown, N.J., Silver Burdett, 1968

20 Smith, E. T. Exploring biology: the science of living things. 5th ed. New York, Harcourt, Brace & World, 1959

21 Speed, F. M. New Biology. Toronto, Ryerson, 1965

22 Stillwell, E. C. Biology for agriculture. New Brunswick, N.J., Rutgers University, Curriculum Laboratory Vocational Division, College of Agriculture, 1959

23* Thurber, W. A. Exploring science. Vol. 6. (Canadian ed.) Toronto, Macmillan, 1957

24 Vance, B. B. and D. F. Miller. Biology for you. 5th ed.; Teacher's manual. Philadelphia, Lippincott, 1963

25* Weinberg, S. L. Biology: an inquiry into the nature of life. Boston, Allyn & Bacon, 1966

26 Winchester, A. M. Biology and its relation to mankind. 3d ed. Princeton, N.J., Van Nostrand, 1957

Note: A representative sample of the great variety of biology texts being produced should be secured.

Circulars and Pamphlets

	Author and Source	Title		
C - 1	Canada. Department of Agriculture. Ottawa	Living with house plants	Publication	1016
2	National Plant Food Institute. Washington, D.C.	Our land and its care		
3	Ontario. Department of Agriculture and Food. Toronto	Beef husbandry in Ontario	Publication	509
4	" "	Caring for bees in schools	"	169
5 x	" "	Dairy husbandry in Ontario	"	519
6 x	" "	Dairy microbiological tests	"	22
7	" "	Farm water supply	"	476
8	" "	Fertility control in the greenhouse	"	99
9	" "	Field crop recommendations (annual)	"	296
10 x	" "	Growing vegetable transplants	"	485
11 x	" "	Guide to growing house plants and gift plants	"	507
12	" "	Guide to production of high quality milk	"	484
13	" "	Landscape planting of home grounds	"	521
14	" "	Lawns	"	448
15	" "	Let's look at corn	"	13
16	" "	Mist propagation	"	313

Circulars and Pamphlets - continued

	Author and Source	Title	
C - 17 x	Ontario. Department of Agriculture and Food. Toronto	Ontario weeds	Publication 505
18 x	" "	Origin, classification and use of Ontario soils	" 51
19	" "	Plastic greenhouses	" 40
20	" "	Resazurin reduction test for milk quality	" 341
21 x	" "	Your opportunities in horticulture	" 28
22	Ontario. Department of Lands and Forests. Toronto	Forestry bulletins	
23	University of Illinois, College of Agriculture, Extension Service in Agriculture and Home Economics. Urbana, Illinois	Hydroponics as a hobby: growing plants without soil	Circular 844
24	" "	Plant breeding as a hobby	Circular 817

x Useful as class sets

Many free or inexpensive circulars are available from Colleges of Agriculture and private industry.

Experiments and
Demonstrations

E - 1 Agricultural Educators Society. Scientific agricultural experiments for secondary schools. Leamington, Ont.

2 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Biological science: an inquiry into life (BSCS yellow version). Rev. ed.; Student laboratory guide. New York, Harcourt, Brace & World, 1963

3 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Glass, B. A laboratory block. Genetic continuity. Boston, Heath, 1965

4 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Jacobs, W. P. and C. E. La Motte. A laboratory block. Regulation in plants by hormones: a study in experimental design. Boston, Heath, 1964

5 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Lee, A. E. A laboratory block. Plant growth and development. Boston, Heath, 1963

6 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Phillips, E. A. A laboratory block. Field ecology. Boston, Heath, 1964

7 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Pramer, D. A laboratory block. Life in the soil. Boston, Heath, 1965

8 American Institute of Biological Sciences. Biological Sciences Curriculum Study. Sussman, A. S. A laboratory block. Microbes: their growth, nutrition, and interaction. Boston, Heath, 1964

9 Bryan, A. H. and others. Bacteriology: principles and practice. (College Outline Series) 6th ed. New York, Barnes & Noble, 1962

10 Carter, L. S. Experiments in soil science. San Luis Obispo, California, Vocational Educational Productions, California State Polytechnic College

11 Dodds, C. and J. B. Hurn. Practical biology. London, Edward Arnold, 1966

12 Feldman, S. Techniques and investigations in the life sciences. New York, Holt, Rinehart & Winston, 1962

Experiments and
Demonstrations - continued

E - 13 Galbraith, D. I. and D. G. Wilson. Laboratory manual. Biological science: principles and patterns of life. Toronto, Holt, Rinehart & Winston, 1966

14 General Biological Supply House. Turtox service leaflets. Chicago

15 Hemp, P. E. Fifty laboratory exercises for ornamental horticulture. Danville, Ill., Interstate, 1968

16 Hillcourt, W. Field book of nature activities and conservation. New York, Putnam, 1961

17 Machlis, L. and J. G. Torrey. Plants in action. San Francisco, Freeman, 1956

18 Mackean, D. G. Introduction to biology. London, John Murray, 1962

19 Miller, D. F. and G. Blaydes. Methods and materials for teaching biological sciences. 2d ed. New York, McGraw-Hill, 1962

20 Morgan, R. F. Environmental biology. 4 vols. New York, Pergamon, 1964-66

21 Morholt, E. Experiences in biology. [A workbook to accompany his Science of living things.] New York, Harcourt, Brace & World

22 Morholt, E. and others. Teaching high school science: a sourcebook for the biological sciences. 2d ed. New York, Harcourt, Brace & World, 1966

23 New York City Board of Education, Bureau of Curriculum Research. Adventures in biology. Brooklyn, N.Y., 1961

24 Ontario. Department of Education. Individual experiments as detailed in Appendix B to Curriculum I-21, Environmental Science - a list of suggested experiments. Toronto

25 The Regents of the University of Colorado. Biological Sciences Curriculum Study. Biological science: molecules to man (BSCS blue version). Rev. ed. Boston, Houghton Mifflin, 1968

26 The Regents of the University of Colorado. Biological Sciences Curriculum Study. High school biology (BSCS green version). 2d ed.; Teacher's guide; Student's manual. Chicago, Rand McNally, 1968. [Note: Student's manual is part of the text.]

Experiments and
Demonstrations - continued

E - 27 Salle, A. J. Laboratory manual. Fundamental principles of bacteriology. 6th ed. New York, McGraw-Hill, 1967

28 Seeley, H. W. and P. J. Van Demark. Microbes in action. San Francisco, Freeman, 1962

29 Thrasher, F. Exercises for biological principles in agricultural crops. San Luis Obispo, California, Vocational Educational productions, California State Polytechnic College

30* U.S. Department of Agriculture. Light and plants. (Publication 879) Washington, U.S. Government Printing Office

31 Vorkapich, M. Scientific agriculture for secondary schools, Book IV. Leamington, Ont., Agricultural Educators Society

32 Weinberg, S. L. Laboratory manual. Biology. Boston, Allyn & Bacon, 1966

33 Wong, H. K. Environmental enquiry. Marshall, Michigan, Sherer-Gillet

Forestry

F - 1 Canada. Department of Forestry. Native trees of Canada. 6th ed. Ottawa, Queen's Printer, 1966

2 Hosie, R. C. and J. H. White. Forest trees of Ontario. Toronto, Ontario Department of Lands and Forests, 1968

3* Montgomery, F. H. Native wild plants of Eastern Canada and the adjacent Northeastern United States. Toronto, Ryerson, 1962

4 U.S. Department of Agriculture. Trees: U.S.D.A. yearbook of agriculture, 1949. Washington, U.S. Government Printing Office, 1949

General

G - 1 Agricultural Educators Society. Scientific agriculture, book 4. Leamington, Ont., 1966

2 Andrews, H. C. Agriculture for high schools. Rev. ed. Toronto, Gage, 1964

3 Braithwaite, M. Land, water and people. Princeton, N.J., Van Nostrand, 1962

4 Cannon, G. G. Great men of modern agriculture. New York, Macmillan, 1963

5 Commoner, B. Science and survival. New York, Viking, 1966

6 Curwen, E. C. and G. Hatt. Plough and pasture. New York, Collier-Macmillan. Paperback

7 Hughes, H. D. and E. R. Henson. Crop production. Rev. ed. New York, Macmillan, 1957

8 Klages, K. H. W. Ecological crop geography. London, Collier-Macmillan, 1942

9* Krebs, A. H. Agriculture in our lives. Danville, Ill., Interstate

10 Life, and L. Barnett. The world we live in. New York, Golden Press, 1956. Hard cover and paperback

11 Macdonald College. Macdonald farm handbook. Ste. Anne de Bellevue, Quebec

12 McColly, H. F. and J. W. Martin. Introduction to agricultural engineering. New York, McGraw-Hill, 1955

13 Snodgrass, M. M. and L. T. Wallace. Agriculture, economics, and growth. New York, Appleton-Century-Crofts, 1964

14 U.S. Department of Agriculture. A place to live. U.S.D.A. yearbook of agriculture, 1963. Washington, U.S. Government Printing Office, 1963

15 U.S. Department of Agriculture. After 100 years: U.S.D.A. yearbook of agriculture, April 1962. Washington, U.S. Government Printing Office, 1962

16 U.S. Department of Agriculture. Farmer's world: U.S.D.A. yearbook of agriculture, 1964. Washington, U.S. Government Printing Office, 1965

General - continued

G - 17 U.S. Department of Agriculture. Power to produce: U.S.D.A. yearbook of agriculture, 1960. Washington, U.S. Government Printing Office, 1960

18* U.S. Department of Agriculture. Protecting our food: U.S.D.A. yearbook of agriculture, 1966. Washington, U.S. Government Printing Office, 1966

Horticulture

H - 1 Baker, K. F. The U.C. system for producing healthy container-grown plants. Davis, California, California Agricultural Experiment Station

2* George Ball Seed Co. Ball red book. Chicago

3 Better Homes and Gardens. Landscape planning. Des Moines, Iowa, Meredith, 1963

4 Blake, C. L. Greenhouse gardening for fun. New York, Barrows, 1967

5* Christopher, E. P. Introductory horticulture. New York, McGraw-Hill, 1958

6 Dakers, J. S. Greenhouse plants in colour. London, Collingridge

7 Eckbo, G. Urban landscape design. New York, McGraw-Hill, 1964

8 Free, M. Plant propagation in pictures. New York, Doubleday

9* Hemp, P. E. Ornamental horticulture source units. Danville, Ill., Interstate, 1968

10 Kranz, F. H. and J. L. Kranz. Gardening indoors under lights. New York, Viking, 1957

11 Langhans, L. H. Chrysanthemums. Ithaca, N.Y., Cornell University, College of Agriculture

12 Laurie, A. and others. Commercial flower forcing. 6th ed. New York, McGraw-Hill, 1958

13* Lewis, C. C. The greenhouse. New York, Pergamon, 1965

14 Mahlstede, J. P. and E. S. Haber. Plant propagation. New York, Wiley, 1957

15* Mastalerz, J. W. Bedding plants - a Penn. State manual. University Park, Pa., 1966

16 McDonald, E. Handbook for greenhouse gardeners. St. Catharines, Ont., Lord & Burnham, 1967

17* Nelson, K. S. Flower and plant production in the greenhouse. Danville, Ill., Interstate, 1966. Text ed.

Horticulture - continued

H - 18 Nelson, W. R. Landscaping your home. (Circular 858) Urbana, Ill., University of Illinois, College of Agriculture

19 Potter, C. H. Beneath the greenhouse roof. New York, S. G. Phillips, 1957

20 Potter, C. H. Flowering pot plants. Chicago, Florist Publishing

21 Potter, C. Greenhouse: place of magic. New York, Dutton, 1966

22 Reader's Digest. The complete book of the garden. Boston, Little, Brown, 1966

23 Shoemaker, J. S. Small fruit culture. 3d ed. New York, McGraw-Hill, 1955

24 Strohm, J., ed. The Golden garden guide. New York, Golden Press, 1961

Periodicals

P - 1 Advancement of science. Academic Press (London) Ltd., Berkeley Square House, Berkeley Square, London W. 1, England

2* Agricultural institute review. Agricultural Institute of Canada, 151 Slater Street, Ottawa 4, Ontario

3 American biology teacher. The National Association of Biology Teachers, 1420 N. Street N.W., Washington, D.C. 20005

4 Australian science teachers' journal. Australian Science Teachers' Association, 11 Glenbervie Road, Toorak, Melbourne, Vic. 3142, Australia

5 Better homes and gardens. Meredith Publishing Co., 1716 Locust Street, Des Moines, Iowa 50303

6 C.I.L. oval. Canadian Industries Ltd., Box 10, Montreal, Quebec

7 Canadian audubon. The Canadian Audubon Society, 46 St. Clair Avenue East, Toronto 7, Ontario

8 Canadian farming. International Harvester, 208 Hillyard St., Hamilton, Ontario

9 Canadian florist. Queen Street, Streetsville, Ontario

10 Ekistics. The Athens Center of Ekistics of the Athens Technological Organization, 24 Strat., Syndesmon Street, Athens 136, Greece

11 Environmental science and technology. American Chemical Society, 1155 Sixteenth Street N.W., Washington, D.C. 20036

12* Farm quarterly. F & W Publishing Corp., 22 E. 12th Street, Cincinnati, Ohio 45210

13 Furrow. John Deare Co., Box 320, London, Ontario

14* Good farming quarterly. Southam Business Publications Ltd., 1450 Don Mills Road, Don Mills, Ontario

15 Home garden. 1031 Broadway, Albany, N.Y. 12201

16 Horticulture. 300 Massachusetts Avenue, Boston, Mass. 02115

17 Hydro news. Ontario Hydro, 620 University Avenue, Toronto 2, Ontario

Periodicals - continued

P - 18 Impact of science on society. UNESCO, Place de Fontenoy, 75 Paris 7e, France

19 Imperial oil review. Imperial Oil Ltd., 111 St. Clair Avenue West, Toronto 7, Ontario

20 Journal of soil and water conservation. Soil Conservation Society of America, 7515 Northeast Ankeny Road, Ankeny, Iowa 50021

21 Natural history. The American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024

22 Natural science in schools; the journal of the school natural science society. George Philip & Son, Victoria Road, London N.W. 10, England

23 Nature. Macmillan (Journals) Ltd., Brunel Road, Basingstoke, Hants, England

24 New scientist. New Scientist, 128 Long Acre, London W.C. 2, England

25 Pictorial science. Evans Brothers Ltd., Montague House, Russell Square, London W.C. 1, England

26 Plant food review. Plant Food Council, 1700 K Street N.W., Washington, D.C. 20036

27 Plants and gardens. Brooklyn Botanical Garden, 1000 Washington Avenue, Brooklyn, N.Y. 11225

28 Resources. Canadian Council of Resource Ministers, 620 Dorchester Blvd. West, Montreal 2, Quebec

29 Royal bank newsletter. Royal Bank of Canada, 20 King Street West, Toronto 1, Ontario

30 Science. American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington, D.C. 20005

31 Science and technology. Circulation Manager, 205 East 42nd St., New York, N.Y. 10017

32 Science forum. University of Toronto Press, 63A St. George St., Toronto 5, Ontario

33 Science journal. Associated Iliffe Press Ltd., Dorset House, Stanford Street, London S.E. 1, England

Periodicals - continued

P - 34 Science news. Science Service Inc., 1719 N. Street N.W., Washington, D.C. 20036

35 The science teacher. National Science Teachers Association, 1201 Sixteenth Street N.W., Washington, D.C. 20036

36 Science world. Scholastic Publications, Richmond Hill, Ontario

37 Scientific American. Scientific American Inc., 415 Madison Avenue, New York, N.Y. 10017

38 Senior science. Scholastic Publications, Richmond Hill, Ontario

39 Watersheds. Ontario Department of Energy and Resources Management, 880 Bay Street, Toronto 5, Ontario

40 Wildlife and the countryside. Cranford Press, Watling Street, Bletchley, Buckinghamshire, England

Plant Science

P.S. - 1* Carefoot, G. L. and E. Sprott. Famine on the wind. Chicago, Rand McNally

2 Delorit, R. J. and H. Ahlgren. Crop production. 3d ed. Englewood Cliffs, N.J., Prentice-Hall, 1966

3* Fogg, G. E. The growth of plants. (Pelican A560) Baltimore, Penguin, 1962

4 Galston, A. W. Life of the green plant. 2d ed. Englewood Cliffs, N.J., Prentice-Hall, 1964. Hard cover and paperback

5* Hughes, H. D. and E. R. Henson. Crop production. Rev. ed. New York, Macmillan, 1957

6 Klingman, G. C. Weed control as a science. New York, Wiley, 1961

7 Salisbury, F. F. and R. V. Parke. Vascular plants: form and function. Belmont, California, Wadsworth, 1964. Text ed.

8* Sprague, H. B., ed. Hunger signs in crops. 3d ed. New York, McKay, 1964

9 Steward, F. C. Plants at work. Reading, Mass., Addison-Wesley, 1964

10 Torrey, J. G. Development in flowering plants. New York, Macmillan, 1967

11 U.S. Department of Agriculture. Grass: U.S.D.A. yearbook of agriculture, 1948. Washington, U.S. Government Printing Office, 1948

12 U.S. Department of Agriculture. Seeds: U.S.D.A. yearbook of agriculture, 1961. Washington, U.S. Government Printing Office, 1962

Resources

R - 1* Allen and Leonard. Conserving natural resources. 3d ed. New York, McGraw-Hill

2* Allen, D. L. Our wildlife legacy. Rev. ed. New York, Funk & Wagnalls, 1962. Text ed.

3 Becker, H. F. Resources for tomorrow. New York, Holt, Rinehart & Winston, 1964

4 Canadian Council of Natural Resources. Resources for tomorrow conference, Montreal, 1961. Vols. 1, 2, 3. Ottawa, Queen's Printer, 1961

5 Carr, D. E. The breath of life. New York, Norton, 1965

6* Dasmann, R. F. Wildlife biology. New York, Wiley, 1964

7 De Vos, A. and others. The pollution reader. Montreal, Harvest House, 1968

8 Edelson, E. and F. Warshofsky. Poisons in the air. New York, Pocket Books, 1966

9 Gabrielson, I. N. Wildlife conservation. 2d ed. New York, Macmillan, 1959

10 Hickling, C. F. Fish culture. London, Faber & Faber, 1962

11 Hillcourt, W. Field book of nature activities and conservation. New York, Putnam, 1961

12 Lambert, R. F. Renewing nature's wealth. Toronto, Copp Clark, 1966

13* Leopold, A. Game management. New York, Scribner, 1933

14* Ontario. Department of Lands and Forests. Ontario resources atlas. Toronto, 1963

15 Savage, J. Resources for tomorrow. Toronto, Macmillan, 1963

16 U.S. Department of Agriculture. Birds in our lives. Washington, U.S. Government Printing Office

17 U.S. Department of Agriculture. Restoring the quality of our environment. Washington, U.S. Government Printing Office, 1965

Resources - continued

R - 18 U.S. Department of Agriculture. Wastes in relation to agriculture and forestry. (Publication 1065) Washington, U.S. Government Printing Office

19 U.S. Department of Agriculture. Water: U.S.D.A. yearbook of agriculture, 1955. Washington, U.S. Government Printing Office, 1955

20 U.S. Department of Agriculture. Waterfowl for tomorrow. Washington, U.S. Government Printing Office

Soils and Conservation

S - 1 Alexander, M. Introduction to soil microbiology. New York, Wiley, 1961

2* Berger, K. C. Introductory soils. New York, Macmillan, 1965

3* Chapman, L. J. and D. F. Putnam. The physiography of Southern Ontario. 2d ed. Toronto, University of Toronto Press, 1966

4* Donahue, R. L. Soils: an introduction to soils and plant growth. 2d ed. Englewood Cliffs, N.J., Prentice-Hall, 1965

5 Jackson, R. M. and F. Raw. Life in the soil. London, Edward Arnold, 1967. Hard cover and paperback

6 McConkey, O. M. Conservation in Canada. Toronto, Dent, 1966

7 National Plant Food Institute. Our land and its care. (Booklet) Washington

8 U.S. Department of Agriculture. Soils: U.S.D.A. yearbook of agriculture, 1957. Washington, U.S. Government Printing Office, 1957

* Worthy of consideration as a basic reference book